

1 BILL NO. S-82-12-17

2 SPECIAL ORDINANCE NO. S-246-82

3 AN ORDINANCE approving Change Order
4 No. 6, Water Quality Control Project,
5 AWT, Phases A, B, and C, Federal
6 Project No. C-180774-03, in connection
7 with the Board of Public Works.

8 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF
9 FORT WAYNE, INDIANA:

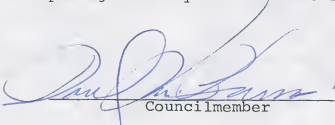
10 SECTION 1. That Change Order No. 6, Water Quality
11 Control Project, AWT, Phases A, B, and C, Federal Project No.
12 C-180774-03, with Hagerman-Shambaugh, Joint Bidders, in connection
13 with the Board of Public Works, for:

14 the deletion of various items thereby reducing
15 total project cost without significantly altering
16 existing design flow or size of project;

17 involving a net decrease in the amount of Seventy-One Thousand
18 Two Hundred Ninety-Eight and No/100 Dollars (\$71,298.00), all
19 as more particularly set forth in the specifications, and which
20 is on file with the Office of the Board of Public Works and is
21 by reference incorporated herein, made a part hereof and is here-

22 by in all things ratified, confirmed and approved.
23 SECTION 2. That this Ordinance shall be in full force
24 and effect from and after its passage and any and all necessary
25 approval by the Mayor.

26 APPROVED AS TO FORM
27 AND LEGALITY

28 
29 Councilmember

30 
31 Bruce O. Boxberger, City Attorney
32

Read the first time in full and on motion by Burns,
seconded by Stier, and duly adopted, read the second time
by title and referred to the Committee City of Fort Wayne (and the City
Plan Commission for recommendation) and Public Hearing to be held after
due legal notice, at the Council Chambers, City-County Building, Fort Wayne,
Indiana, on _____, the _____ day of _____,
19____, at _____ o'clock _____ M., E.S.T.

DATE: 12-14-82

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Read the third time in full and on motion by Burns,
seconded by Stier, and duly adopted, placed on its
passage. PASSED (~~LOST~~) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	_____	_____	_____	_____
<u>BRADBURY</u>	<u>✓</u>	_____	_____	_____	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>EISBART</u>	<u>✓</u>	_____	_____	_____	_____
<u>GIAQUINTA</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHOMBURG</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCRUGGS</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 12-28-82

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne,
Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL)

(APPROPRIATION) ORDINANCE (RESOLUTION) NO. 24682

on the 28th day of December, 1982

ATTEST:

(SEAL)

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Samuel J. Talarico
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on
the 29th day of December, 1982, at the hour of
11:30 o'clock P. M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 3rd day of January
1983, at the hour of 12:30 o'clock P. M., E.S.T.

Win Moses, Jr.
WIN MOSES, JR. - MAYOR

BILL NO. S-82-12-17

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN
ORDINANCE approving Change Order No. 6, Water Quality Control Project,
MWT, Phases A,B, and C, Federal Project No. C-180774-03., in connection
with the Board of Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE Do PASS.

PAUL M. BURNS - CHAIRMAN

MARK E. GIAQUINTA - VICE CHAIRMAN

JAMES S. STIER

JANET G. BRADBURY

ROY J. SCHOMBURG

12-28-82

CONCURRED IN

DATE 12-28-82 CHARLES W. WESTERMAN, CITY CLERK

PROJECT Water Quality Control Project OWNER City of Ft. WayneDIVISION/SECTION AWT - Phases A, B, and C (EPA Project No. C180774-03)CHANGE ORDER NO. 6TO: Hagerman-Shambaugh, Joint Bidders510 W. Washington Blvd. P.O. Box 10690Ft. Wayne, Indiana 46853-0690

You are hereby authorized to make the following additions and/or deductions to your contract amount.

	Previous Contract Amount	Increase	Decrease	Net Change (Deduct) (Add)	Revised Contract Amount
TOTAL	\$ <u>12,557,932.75</u>	\$ <u>748.00</u>	\$ <u>72,046.00</u>	\$ <u>71,298.00</u>	\$ <u>12,486,634.75</u>

Description of Change:AddDeductItem No. 1

Delete the Liquid Chromatograph and all labor associated with installation. (Item D29-17E)

\$30,841.00

Item No. 2

Delete all equipment and material and labor associated with the installation of the Aeration Building restroom detailed on Plan Sheet A-8(16), including partition wall, electrical, and ventilation.

2,831.00

Item No. 3

Delete the electronic sensors and calculators under specification Section D28/5, Part 2.0.A and loop diagrams No. 1 and 2. The equipment items and work to be deleted are as follows:

- | | |
|---|----------|
| a. Modification of four (4) existing rotary lobe gas meters (FE-1510, 1511, 1512, and 1513) with gears for magnetic pick-ups. | 1,314.00 |
| b. Delete magnetic pick-ups (SE-1510, 1511, 1512, and 1513) and speed transmitters (ST-1510, 1511, 1512, and 1513). | |
| c. Delete pressure transmitters (PIT-1510, 1511, 1512, and 1513). | |
| d. Delete RTD transmitters (TE/TY-1510, 1511, 1512, and 1513). | 2,988.00 |
| e. Delete multifunction calculators (FIT-1510, 1511, 1512 and 1513). | 3,240.00 |
| f. Delete DCP modification to incorporate FIT-1510, 1511, 1512, and 1513. | 180.00 |

PAGE NO. 2

CHANGE ORDER NO. 6

PROJECT Water Quality Control Project

Add

Deduct

- g. Delete field installation of equipment listed in paragraphs b,c, and d above.
- h. Delete field wiring detailed on Phase A Sheet E-12 for above referenced equipment.

\$ 1,891.00

400.00

Item No. 4

Delete pond discharge flow indicators, loop diagram No. 32 and specification D28/34, Paragraph 5. The equipment items and work to be deleted are as follows:

- a. Delete process indicators (FI-1536, 1537, and 1538).
- b. Delete TPCP modification to incorporate FI-1536, 1537, and 1538.

621.00

Item No. 5

Delete isolation relays, specification D28/42, Subsection 2.02, Paragraph 3f.

913.00

Item No. 6

Delete the signal isolators specified under specification Section D28/35, and loop diagram No. 3. The equipment items and work to be deleted are as follows:

- a. Delete signal isolators (TY-1516B, 1517B).
- b. Delete DCP modification to incorporate TY-1516B and 1517B.

504.00

Item No. 7

Delete the alarm annunciator points specified under specification Section D28/31 and loop diagram No. 4. (LAH-1518 and 1655) Associated floats and wiring are not to be deleted.

90.00

Item No. 8

Delete the labor associated with the installation of 16 of the 24 inspection windows in the 4 existing blower enclosures. A window is still to be installed in the center door on both sides of each enclosure. The 16 remaining windows will become the property of the owner.

1,282.00

PAGE NO. 3

CHANGE ORDER NO. 6

PROJECT Water Quality Control Project

<u>Description of Change:</u>	<u>Add</u>	<u>Deduct</u>
<u>Item No. 9</u>		
Delete all underground piping markers on the chlorine piping, pond sludge piping, and sludge force main.		\$ 1,667.00
<u>Item No. 10</u>		
Delete the gas piping, regulators, and other associated items required to hook-up the Gas Chromatograph/Mass Spectrometer (D11-3); UV-Visible Spectrophotometer (D11-9); and the Liquid Chromatograph (D29-17E).		693.00
<u>Item No. 11</u>		
Delete the laboratory office furniture as detailed in specification section D31. This does not include item 11, typewriter.		6,200.00
<u>Item No. 12</u>		
Delete both the GC/MS Lab and the Spectro Lab. This includes the walls, doors, and windows, as well as the base and wall cabinets. The ceiling fixtures and HVAC units shall not be changed. The light fixtures shall remain as detailed with the switch relocated to the west lab wall.		9,737.00
<u>Item No. 13</u>		
Delete the cabinets for the new electronics repair room as shown on plan sheet A-8 (16).		2,100.00
<u>Item No. 14</u>		
Delete the demolition of the existing partition walls in the new electronics test room shown on plan sheet A-8 (16). The new floor shall be constructed as detailed at the existing floor elevation.		1,392.00

CHANGE ORDER NO. 6PAGE 4Description of Change:AddDeductItem No. 15

Delete the demolition of the existing manifold assembly and elbow at the existing swing diffusers as detailed on plan sheet MD-5. All equipment will be removed flush with the existing walk elevation and the elbow will be filled with non-shrink grout.

\$1,284.00

Item No. 16

Provide all necessary labor and materials required to install the sample lines as detailed on the attached sketch.

\$ 748.00

Item No. 17

Delete the 8-inch D.I. sludge drain line from the Pond Sludge Valve vault as shown on Plan Sheets SH-1 (37) and SH-4 (40). The 8-inch plug valve shall also be deleted and a blind flange installed on the 12x8x12 Tee within the vault.

\$1,878.00

TOTALS:

\$ 748.00

\$72,046.00

NET CHANGE - DEDUCT:

\$71,298.00TIME:

These changes shall not affect the time for completion of the project.

PREPARED BY:

HOWARD NEEDLES TAMMEN & BERGNEDOFF

By Ray N. WeberTitle Project Manager Date 11/19/82

ACCEPTED:

HAGERMAN-SHAMBAUGH, Joint Bidders
ACCEPTED FOR HAGERMAN CONSTRUCTION CORP.
CONTRACTOR

By Ray F. HagermanTitle Pres. Date 11/22/82

ACCEPTED FOR SHAMBAUGH & SON, INC.
CONTRACTOR

By W. J. P. H.Title Geny Date 11/22/82

APPROVED:

CITY OF FORT WAYNE, INDIANA
OWNERBy Stephen A. Bailey

Chairman

By Roberta Anderson

Staten, Member

Betty R. Collins, Member

Title BOARD OF PUBLIC WORKSDate 11/24/82

Recommended for APPROVAL
Department of Water Resources

Date Nov. 22, 1982 By W. J. P. H.

WATER QUALITY CONTROL PROJECT

AWT - PHASES A, B & C
CITY OF FORT WAYNE, INDIANA

JUSTIFICATION FOR CHANGE

CHANGE ORDER NO. 6

I. NECESSITY FOR CHANGE:

The deletion of these items is an effort to reduce the total project cost. The following is additional justification for each item.

Item No. 1

The City of Fort Wayne has found it prudent to reduce its manpower to a minimum throughout the water pollution control utility due to the overall economic picture of the community. Therefore, this equipment will not be utilized by its current staff level, and its elimination will not hinder the operation of the plant.

Item No. 2

The existing restroom in another portion of the building can be maintained to provide adequate facilities.

Item Nos. 3, 4, 5 and 6

These items all relate to interfacing existing equipment with a main plant computer which was expected to be in place prior to this project. The status of the computer remains uncertain at this time and these items can be deleted without any adverse affect upon current plant operation.

Item No. 7

This work item is currently being done under another contract.

Item No. 8

The purpose of the inspection windows is to provide blower inspection capability without entering the blower enclosure. The main portion of this function can be accomplished by installing only one of the three windows on each side of each enclosure. The windows will be installed by City forces at a later date.

Item No. 9

The function of the underground piping markers can be accomplished by providing and maintaining adequately detailed record drawings.

JUSTIFICATION FOR CHANGE
CHANGE ORDER NO. 6 (Cont'd)

Item No. 10

This piping and gas accessories are associated with deleted equipment and is, therefore, unnecessary.

Item No. 11

Existing furniture will be substituted by the City to outfit the offices as necessary.

Item No. 12

The largest amount of equipment expected to be installed in these areas has been deleted making these dedicated areas unnecessary.

Item No. 13

The electronics repair room will be outfitted by the City with existing furniture to provide the same functional purpose.

Item No. 14

Construction of the new floor surface of the existing floor elevation will provide the same function of a lower cost.

Item No. 15

Capping the manifold instead of removing the manifold and capping the aeration header will obtain the same function at a lower cost.

JUSTIFICATION FOR CHANGE
CHANGE ORDER NO. 6 (Cont'd)

Item No. 19

With the deletion of the asphaltic pavement in Change Order No. 4, the slotted drain system will be subject to unusual loadings which may well damage the drain selection of the pipe. This change to install catch basins will provide a system less apt to be damaged.

Item No. 20

The piping system will be drained through the sludge holding tank, thus providing the same function as the drain line to be deleted.

II. WILL PROPOSED CHANGE ALTER SIZE OF PROJECT?

The proposed changes described herein will not significantly alter the existing design flow or size of this project.

III. EFFECT ON OPERATION AND MAINTENANCE OF THIS PROJECT:

The above items are such that some of them have the potential to cause increased maintenance costs at the plant, however, they should not adversely affect operability and maintenance at the plant.

IV. TIME OF COMPLETION

These changes will not affect the time of completion of the project.

Prepared by:
HOWARD NEEDLES TAMMEN & BERGENDOFF
ARCHITECTS ENGINEERS PLANNERS
INDIANAPOLIS, INDIANA
November 16, 1982

TITLE OF ORDINANCE CHANGE ORDER #6, WATER QUALITY CONTROL PROJECT, AWT, C180774-03

DEPARTMENT REQUESTING ORDINANCE Board of Public Works

SYNOPSIS OF ORDINANCE This change order reflects the deletion of items in an various
effort to reduce the total project cost, and not significantly alter the existing
design flow or size of this project. S-82-12-17

EFFECT OF PASSAGE reduction in cost.

EFFECT OF NON-PASSAGE

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) NET DECREASE \$71,298.00

ASSIGNED TO COMMITTEE